

Title (en)

Intra/extra-thoracic collateral ventilation bypass system

Title (de)

Kollaterales Intra/Extra-Thoraxventilationssystem

Title (fr)

Système intra/extra de pontage pour la ventilation thoracique collatérale

Publication

EP 1481650 A3 20060426 (EN)

Application

EP 04252953 A 20040520

Priority

- US 47210103 P 20030520
- US 84470804 A 20040512

Abstract (en)

[origin: EP1481650A2] The system has an oxygen carrying conduit (104) with an end in fluid communication with a trachea of a patient, and another end passing through a lung (108) of a patient at a predetermined site. A sealing device establishes an airtight seal between the former end of the conduit and trachea. Another sealing device establishes an airtight seal between the latter end of the oxygen carrying conduit and lung.

IPC 8 full level

A61M 16/04 (2006.01); **A61F 2/04** (2013.01); **A61M 16/00** (2006.01); **A61F 2/06** (2013.01); **A61M 1/00** (2006.01)

CPC (source: EP US)

A61F 2/04 (2013.01 - EP US); **A61F 2/064** (2013.01 - EP US); **A61F 2002/046** (2013.01 - EP US); **A61M 39/0247** (2013.01 - EP US); **A61M 2210/1039** (2013.01 - EP US)

Citation (search report)

- [X] WO 0076577 A1 20001221 - BARD ACCESS SYSTEMS INC A SUBS [US], et al
- [X] US 3638649 A 19720201 - ERSEK ROBERT A
- [XP] EP 1393760 A1 20040303 - CORDIS CORP [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1481650 A2 20041201; **EP 1481650 A3 20060426**; **EP 1481650 B1 20101222**; AT E492237 T1 20110115; CA 2468074 A1 20041120; DE 602004030637 D1 20110203; JP 2004358241 A 20041224; US 2004231674 A1 20041125; US 2008115790 A1 20080522; US 7426929 B2 20080923; US 7789083 B2 20100907

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EP 04252953 A 20040520; AT 04252953 T 20040520; CA 2468074 A 20040520; DE 602004030637 T 20040520; JP 2004150669 A 20040520; US 2319608 A 20080131; US 84470804 A 20040512